

**RECEIVED**  
**CENTRAL FAX CENTER**

NOV 10 2004

PTO/SB/21 (08-04)

Approved for use through 07/31/2008. OMB 0851-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/783,231	
	Filing Date	February 19, 2004	
	First Named Inventor	Vitaliy Fadeyev	
	Art Unit	2655	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	47	Attorney Docket Number	IB-1855

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 8 Publications Statement for IDS Under 37 CFR 1.8(a)
Remarks Please Charge any credit/deficiencies to LBNL Deposit Acct#120690		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Lawrence Berkeley National Laboratory; Customer No. 08076	
Signature	<i>Joseph R. Milner</i>	
Printed name	Joseph R. Milner	
Date	11/10/2004	Reg. No. 42896

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Hadiyah Muhammad</i>		
Typed or printed name	Hadiyah Muhammad	Date	11/10/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**BEST AVAILABLE COPY**

PTO/SB/08b (08-03)

Approved for use through 06/30/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/783,231
		Filing Date	02/19/2004
		First Named Inventor	Vitaliy Fadeyev
		Art Unit	2655
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	IB-1855	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MICKEY HART, "Preserving Our Musical Heritage," J.Audio Eng. Soc, Vol. 49 ( No. 7/8), p. 667-670, (July 1, 2001).	
		SANJU CHIBA, "ELP Laser Turntable:How the LT Works," web page: www.elpj.com, p. 1, (January 30, 2004).	
		SOLARIUS, "3D Confocal Microscopy," web page:www.solarius-inc, p. 2, (January 30, 2004).	
		GERD STANKE,LOTHAR PAUL, "3DMeasurement and Modelling in Cultural Applications," Information Services & Use, IOS Press (Berlin, Germany), p. 289-299, (November 10, 1995).	
		SUSANNE ZIEGLER, GERD STANKE, MICHAEL BOTTLINGER, REINHARD KOHIUS, "Experiments with Optical Scanning of Negatives of Edison Cylinders," Museum fur Volkerkunde, p. 155-161, (November 1, 1994).	
		STEFANO S. CAVAGLIERI, OTTAR JOHNSEN, FREDERIC BAPST, "Visual Audio:Optical Retrieval and Storage of Analog Sound Recordings," AES 20th International Conference, p. 1-6, (October 5, 2001).	
		OTTAR JOHNSEN, FREDERIC BAPST, CHRISTOPH SUDAN, SYLVAIN STOTZER, STEFANO S. CAVAGLIERI, PIO PELLIZZSARI, "VisualAudio: An Optical Technique to Save the Sound of Phonographic Records," Ecole d'Ingenieurs de Fribourg-Fonteca Nazionale Svizzera, p. 1-8, (November 10, 2001).	
		OFER SPRINGER, "Digital Needle-A Virtual Gramophone," web page:www.cs.huji.il, p. 6, (May 9, 2002).	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**RECEIVED  
CENTRAL FAX CENTER****NOV 10 2004****Practitioner's Docket No. IB-1855****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re application of: **Fadeyev, Vitaliy; Haber, Carl**

Application No.: 10/783,231

Filed: February 19, 2004

For: Metrological Digital Audio Reconstruction

Group No.: 2655

Examiner: Unassigned

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450****TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))****IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

**CERTIFICATION UNDER 37 C.F.R. " 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is *mandatory*;  
*Express Mail certification is optional.*)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

G deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

G with sufficient postage as first class mail.

37 C.F.R. § 1.10\*

G as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

G facsimile transmitted to the Patent and Trademark Office, (703) 872-9306

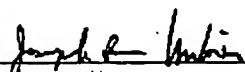
Date: 11/10/2004  
SignatureHadiyah Muhammad

(type or print name of person certifying)

\* Only the date of filing (" 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under " 1.8 continues to be taken into account in determining timeliness. See " 1.703(f). Consider "Express Mail Post Office to Addressee" (" 1.10) or facsimile transmission (" 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action--page 1 of 2

Date: 11/10/2004

  
\_\_\_\_\_  
Joseph R. Milner  
Registration No. 42896  
Office of the Laboratory Counsel  
Lawrence Berkeley National Laboratory  
1 Cyclotron Road  
Patent Dept M/S 90B104  
Berkeley, CA 94720  
US  
510-486-4672  
Customer No. 08076

Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action--page 2 of 2

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**